



FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE:												
Lined MSWLF		LCID		YW		Transfer		Compos t		SLAS		COUNTY: Catawba PERMIT NO.: 18-01 FILE TYPE: COMPLIANCE
Closed MSWLF	X	HHW		White goods		Inciner		T&P		FIRM		
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF		

Date of Audit: July 7, 2011

Date of Last Audit: February 8, 2011

FACILITY NAME AND ADDRESS:

Catawba County Landfill
Bethel Church Road
Newton, North Carolina 28658

GPS COORDINATES: N: 35.65186 W: 81.16483

FACILITY CONTACT NAME AND PHONE NUMBER:

Rodney Hamby, Landfill Superintendent (704) 462-1348

FACILITY CONTACT ADDRESS:

Post Office Box 389
Newton, North Carolina 28658

AUDIT PARTICIPANTS:

Rodney Hamby, Landfill Superintendent
Robert Appleby, Landfill Operations Supervisor
Charles Gerstell, NCDENR-Solid Waste Section

STATUS OF PERMIT:

Catawba County was issued a Closure Letter for the Catawba County Landfill, Permit No. 18-01 on September 5, 1991.

PURPOSE OF AUDIT:

Follow-up Audit

NOTICE OF VIOLATION(S):

None

You are hereby advised that, pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Statute or Regulations. For the violation(s) noted here, you may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

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STATUS OF PAST NOTED VIOLATIONS:

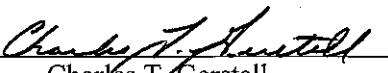
15A NCAC 13B .0503(2)(a)(ii): On January 31, 2011, Rodney Hamby reported by phone that methane had been recorded in excess of the lower explosive limit for methane at the facility property boundary at the closed Newton MSW Landfill. Mr. Hamby explained that vacuum had been lost to the trunk line for the methane extraction system. A review of methane records found that methane had been recorded in excess of the lower explosive limit at methane probes #4 - #10 (all of which are along the western property boundary) and methane probe #11 which is located on the northern property boundary. During the inspection, Mr. Hamby explained that CDM was in the process of developing a remediation plan to address the methane exceedances which was to be completed within 60 days. Catawba County was found in violation of 15A NCAC 13B .0503(2)(a)(ii) in that the lower explosive limit for methane had been exceeded at the facility property boundary.

A Methane Migration Remediation Plan was received by the Solid Waste Section on March 21, 2011. Inspection of the facility found that all work proposed by the plan had been completed on site. **Therefore, the above violations are considered resolved.**

AREAS OF CONCERN AND COMMENTS:

1. This inspection was performed as a follow-up audit to determine the status of efforts to comply with the Notice of Violations that was issued on March 11, 2011.
2. As noted in the section entitled "Status of Past Noted Violations," all work on the proposed Methane Migration Remediation Plan had been completed.
3. Mr. Hamby stated that CDM was in the process of developing a report of remediation efforts.
4. Please ensure that all areas disturbed by remediation efforts are stabilized with a permanent groundcover sufficient to restrain erosion.
5. Continue to monitor methane levels as required, and to ensure that remediation efforts are successful. Mr. Hamby stated that since completion of remediation work, methane levels had begun to recede.
6. Trees along the western and northern property boundaries showed no signs of stress at the time of inspection.

Please contact me if you have any questions or concerns regarding this audit report.


Charles T. Gerstell
Environmental Senior Specialist
Regional Representative

Phone: (704) 235-2144

Delivered on : <u>7/13/11</u> by	X	Electronic Correspondence		US Mail		Certified No
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Cc: Jason Watkins, Western District Supervisor
Ervin Lane, Compliance Hydrogeologist